

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB 03/04615

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G10L21/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | WO 02 086867 A (ERICSSON TELEFON AB L M) 31 October 2002 (2002-10-31) abstract page 3, line 8-11 page 4, line 1 – line 8 page 4, line 29 –page 5, line 1 page 5, line 10 – line 12 page 8, line 21 – line 32 page 12, line 12 – line 16 page 19, line 21 – line 30 figures 1,3 --- -/- --- | 1,2,5-8 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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|---|--|
| Date of the actual completion of the International search | Date of mailing of the International search report |
| 13 January 2004 | 03/02/2004 |
| Name and mailing address of the ISA | Authorized officer |
| European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Santos Luque, R |

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| X | US 6 111 960 A (AARTS ET AL.) 29 August 2000 (2000-08-29) cited in the application abstract column 4, line 50 - line 59 column 5, line 4 - line 5 column 5, line 28 - line 36 figures 1,2 --- | 1,4-8 |
| X | US 2002/097807 A1 (GERRITS) 25 July 2002 (2002-07-25) page 3, paragraph 24 page 4, paragraph 26 figure 2 --- | 1,3,5-8 |
| A | US 5 127 054 A (HONG DAEHYOUNG ET AL) 30 June 1992 (1992-06-30) abstract column 2, line 15 - line 26 column 2, line 39 - line 43 column 2, line 66 -column 3, Line 7 figure 1 --- | 1,4-8 |

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